

**METHOD AND APPARATUS FOR SHARING COMMON DATA OBJECTS  
AMONG MULTIPLE APPLICATIONS IN A CLIENT DEVICE**

**ABSTRACT OF THE DISCLOSURE**

Disclosed is software architecture and method for sharing data objects among multiple

5 applications in a client device. The architecture includes a server process in the client device for processing a template, such as a SHTML template for the Extended Markup Language (XML), based on a template identifier value received from a user application. Each of multiple applications has a template. Each template identifies a series of objects identified by tag values, such as XML entities, that are to be incorporated into a display page. A database of objects, such  
10 as a database of XML entities identified by tag values, is maintained that contains data objects for the applications. An update process periodically establishes a communication link with a remote server and requests download of a data document containing content data corresponding to at least a portion of several of the templates. The data document is parsed into the database of objects based on the structure of the data document, which generally conforms to a data type  
15 definition. When the server process processes different templates that reference the same data object, it will retrieve the data object from the database. Each template may then be rendered into a page of output data for display to a user. The architecture and method according to the present invention thus permit data objects to be shared by multiple applications and to be automatically updated. Each time a data object is updated, the data will be current for each user  
20 application that references the data object.